

Sexually Transmitted Disease in Wisconsin

**Wisconsin STD Surveillance Data
*Cases diagnosed in 2004***



Preface

Reportable STDs in the State of Wisconsin:

- Chlamydia: Chlamydia trachomatis
- Syphilis: Treponema pallidum
- Herpes: Primary genital infections with Herpes Simplex Virus (HSV) Type 1 and / or 2
- Gonorrhea: Neisseria gonorrhoea
- Chancroid: Haemophilus ducreyi
- PID: Pelvic Inflammatory Disease

In this analysis “reportable STDs” refer specifically to chlamydia, gonorrhea, syphilis and genital HSV infection.



Preface

STD Surveillance data must be interpreted with caution:

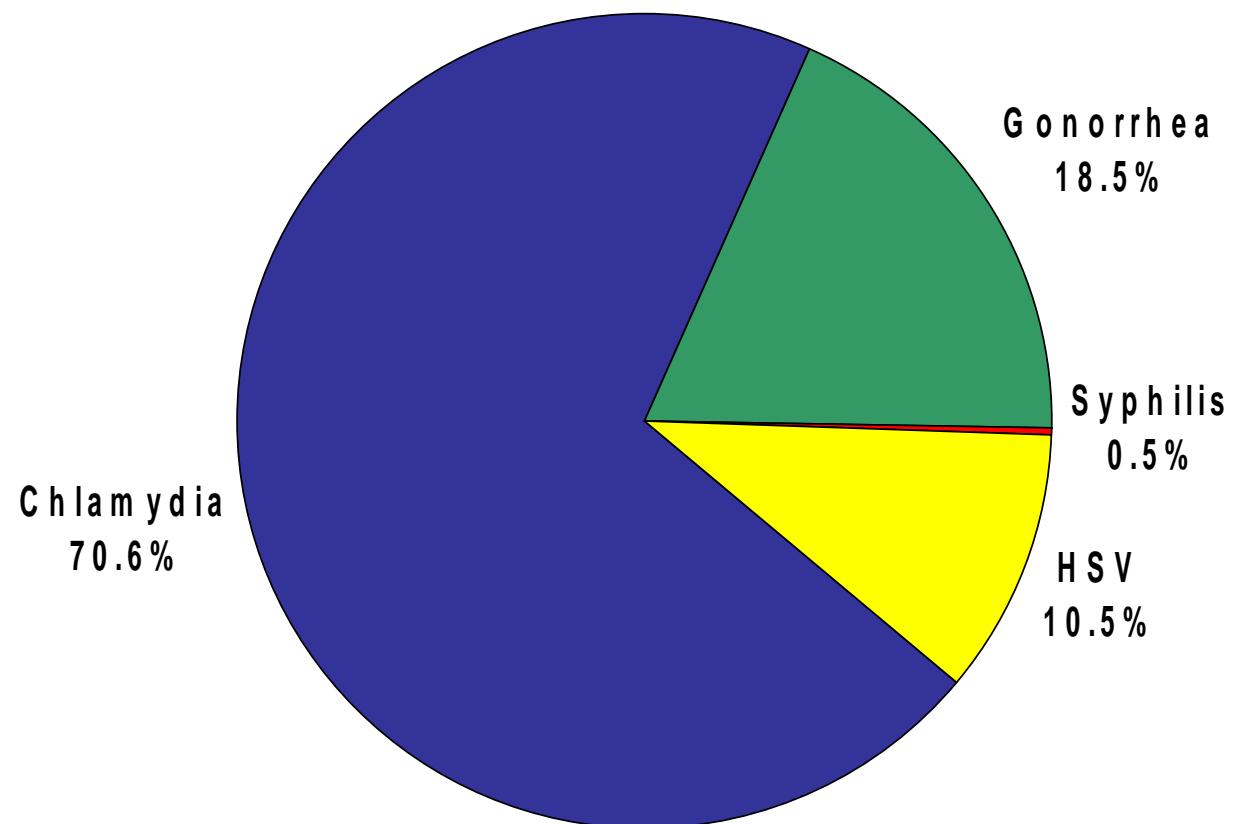
- Under-reporting
- Un-even reporting
- Incomplete data

This analysis examines several factors that influence STD rates:

- Sex
- Age
- Race
- Geography



Reported STD cases, by disease Wisconsin, 2004

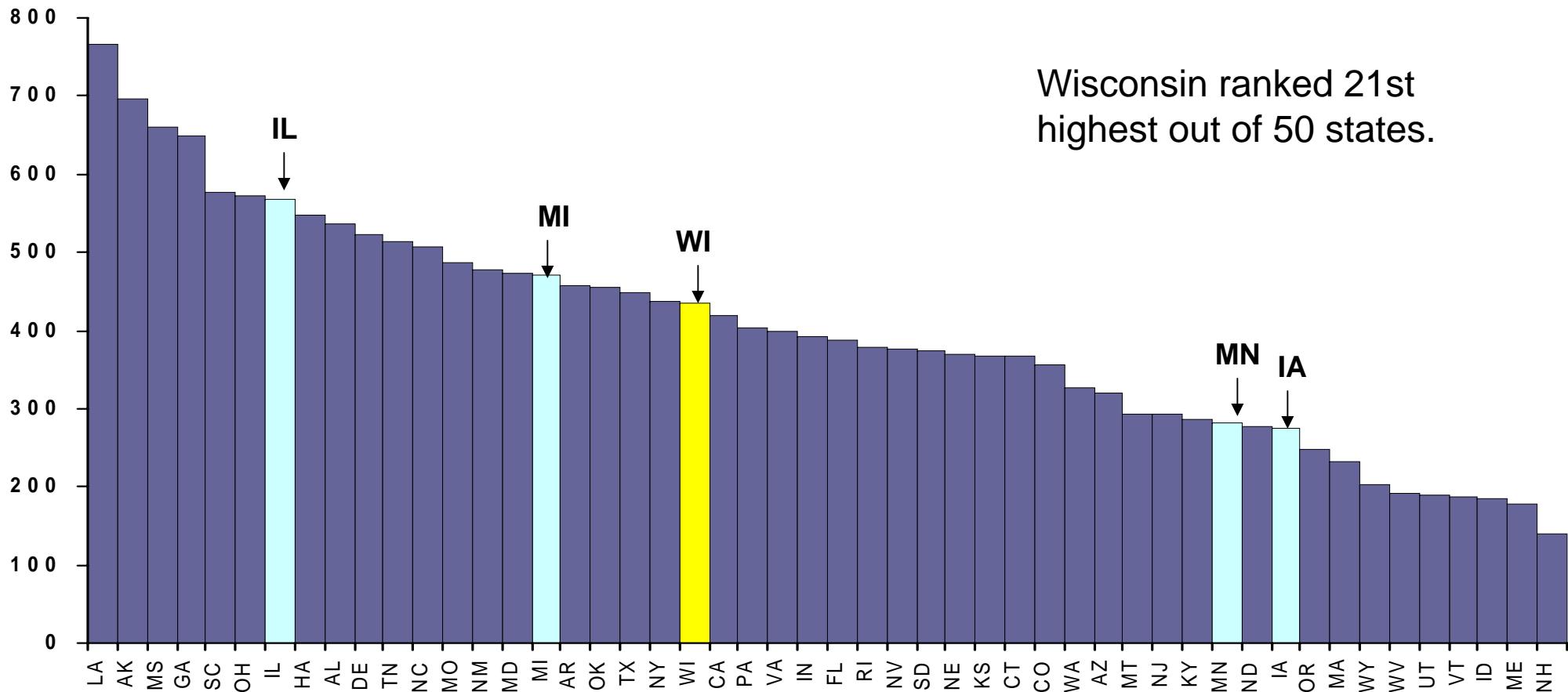


Disease	Cases	Rate*
Chlamydia	19,662	355
Gonorrhea	5,163	93
Syphilis	129	2
HSV	2,912	53
All STDs	27,866	503

* Cases per 100,000 population.



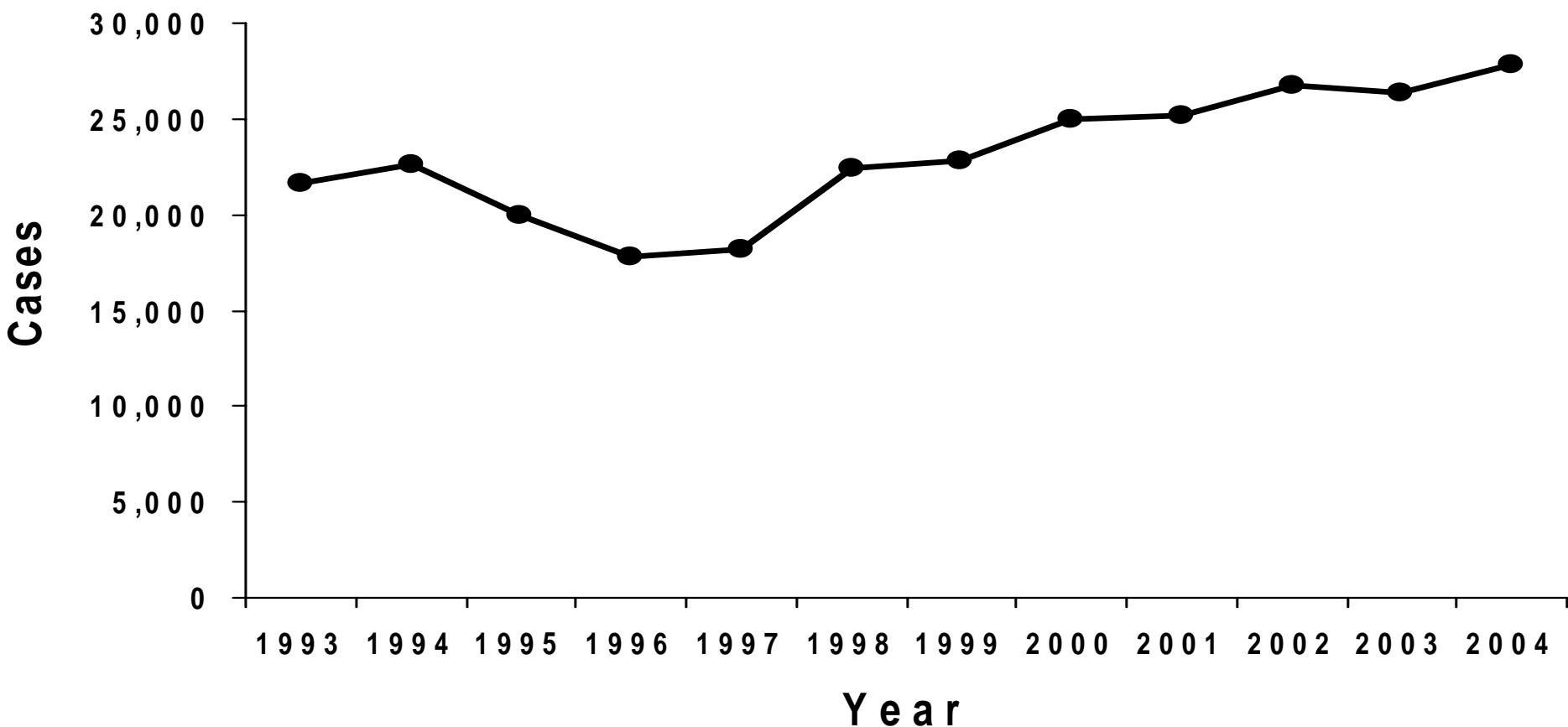
Combined rate* for chlamydia, gonorrhea and syphilis by state, 2003, CDC data



* Cases per 100,000 population. Genital HSV infection is not reportable in all states.



Reported cases of STD* by year of diagnosis, Wisconsin , 1993-2004

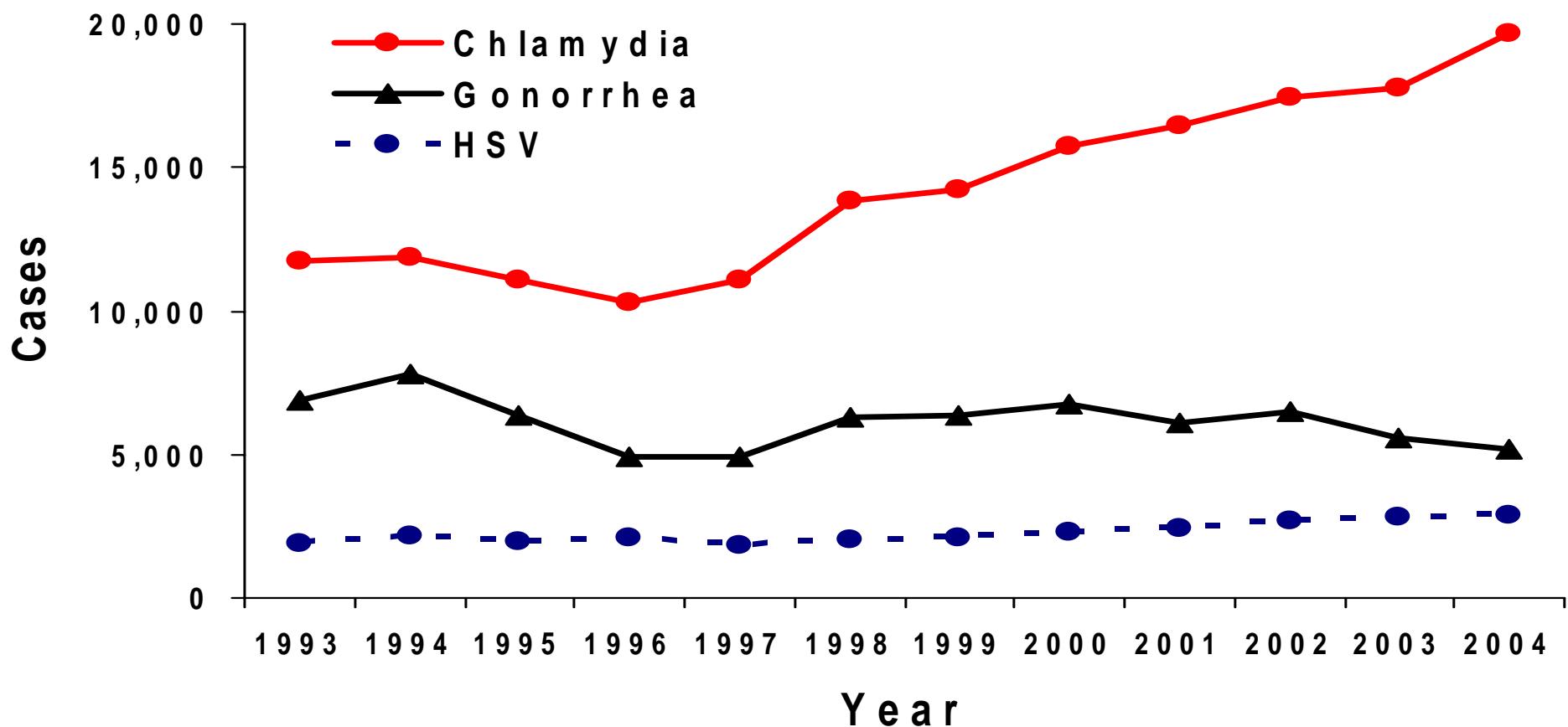


* Chlamydia, gonorrhea, syphilis and genital HSV infection.

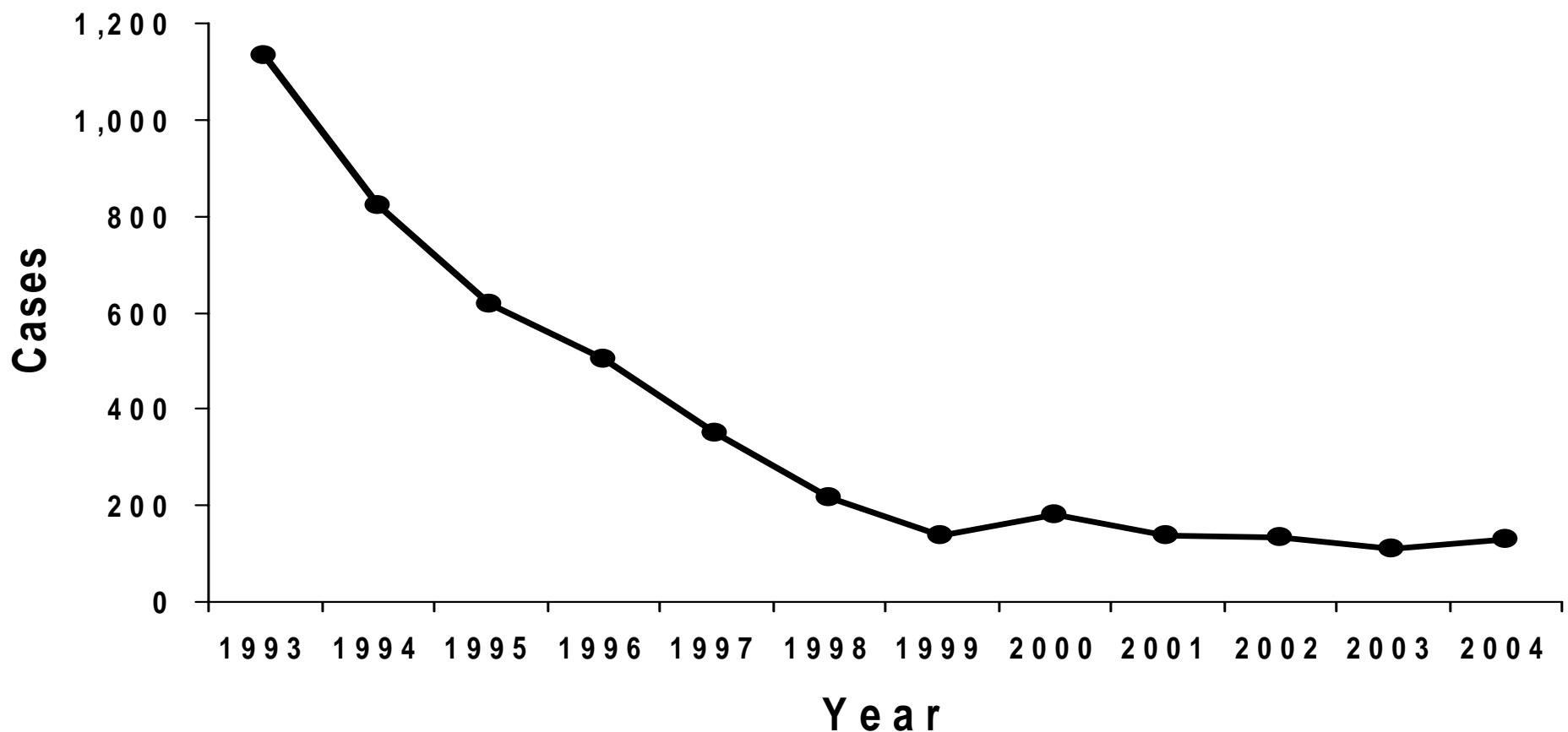
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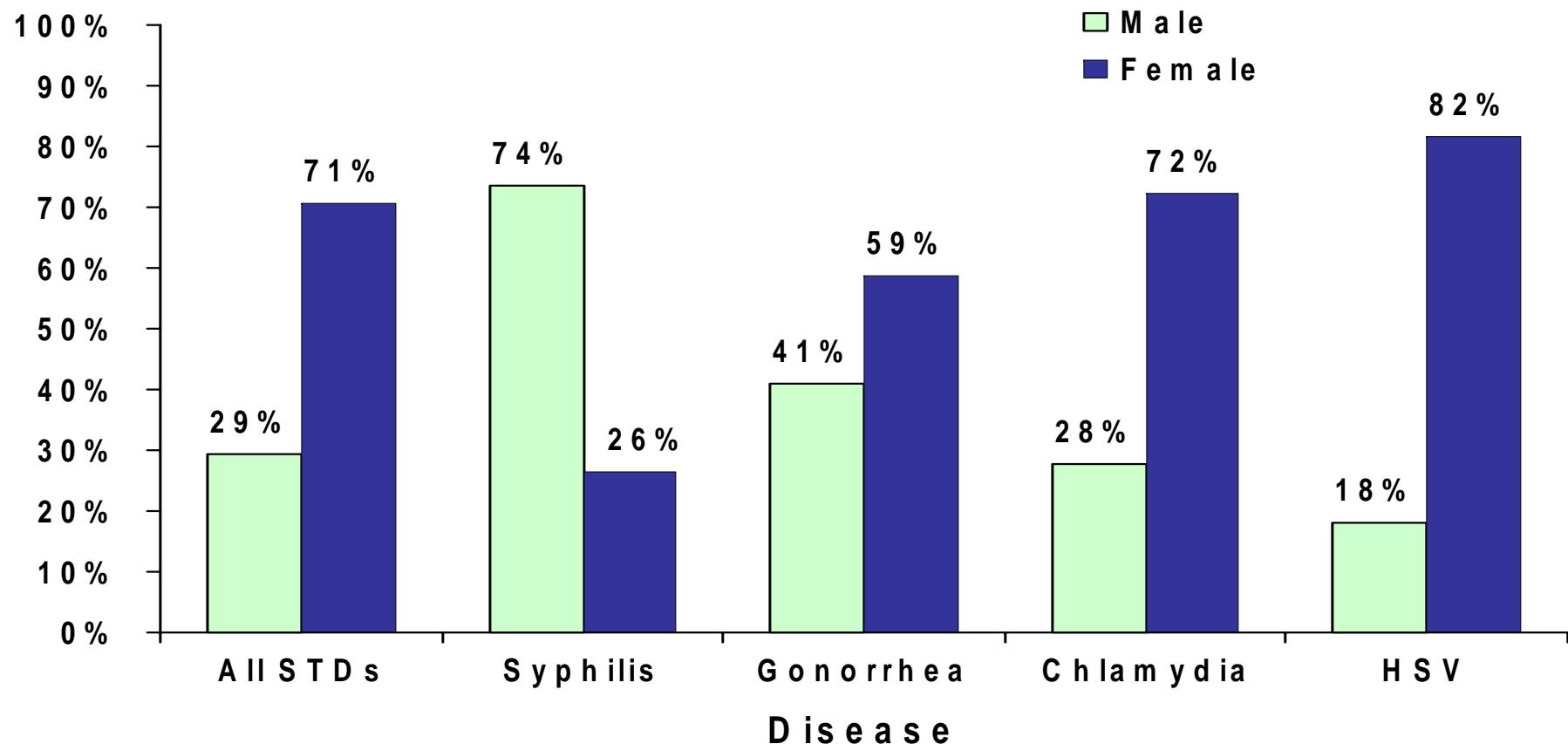
Reported cases of STD by year of diagnosis and disease, Wisconsin, 1993-2004



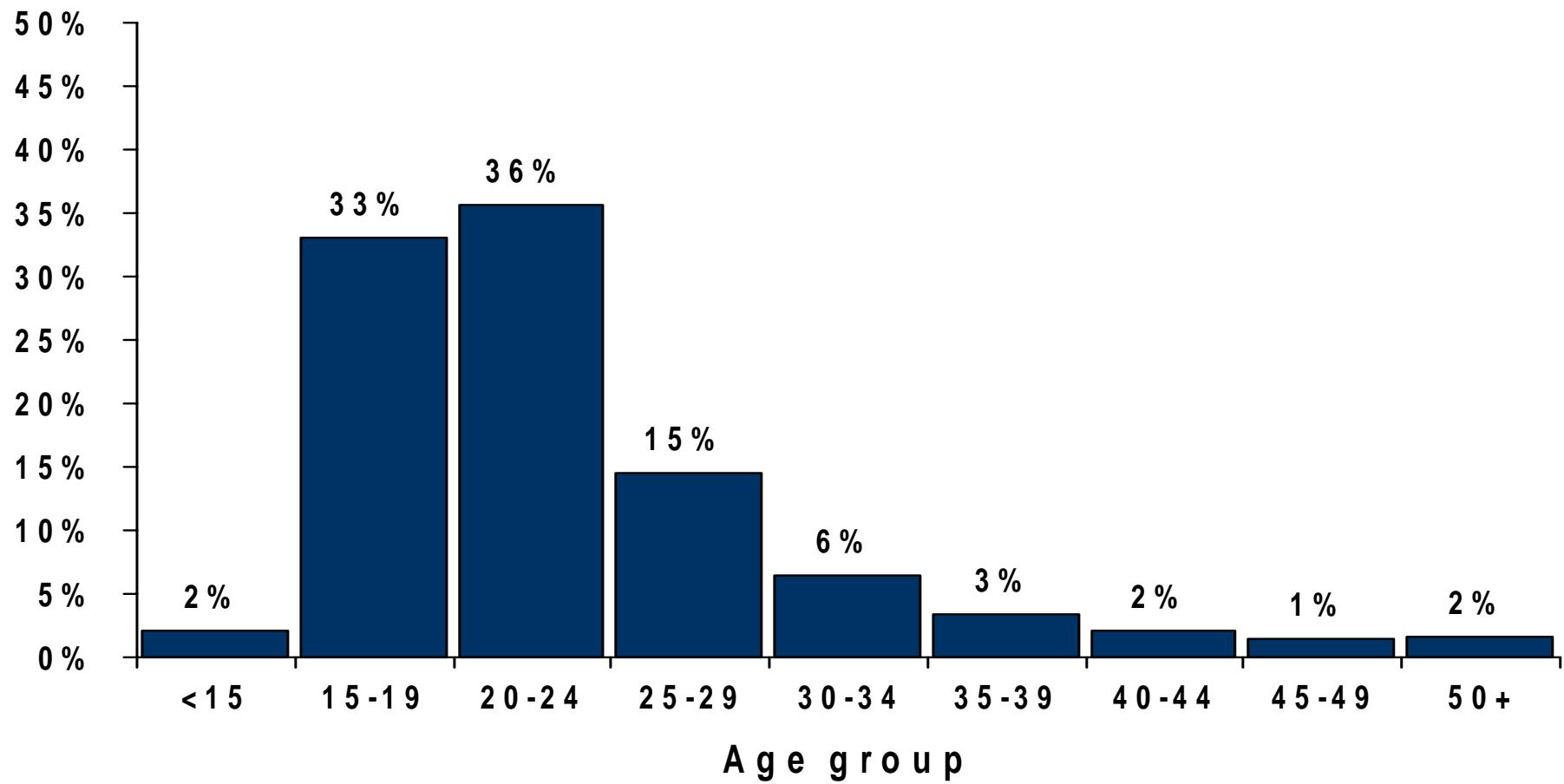
Reported cases of syphilis by year of diagnosis, Wisconsin, 1993-2004



Male-female distribution of reported STD cases, by disease, Wisconsin, 2004



Attributable percentage by age group, reportable STDs* Wisconsin, 2004

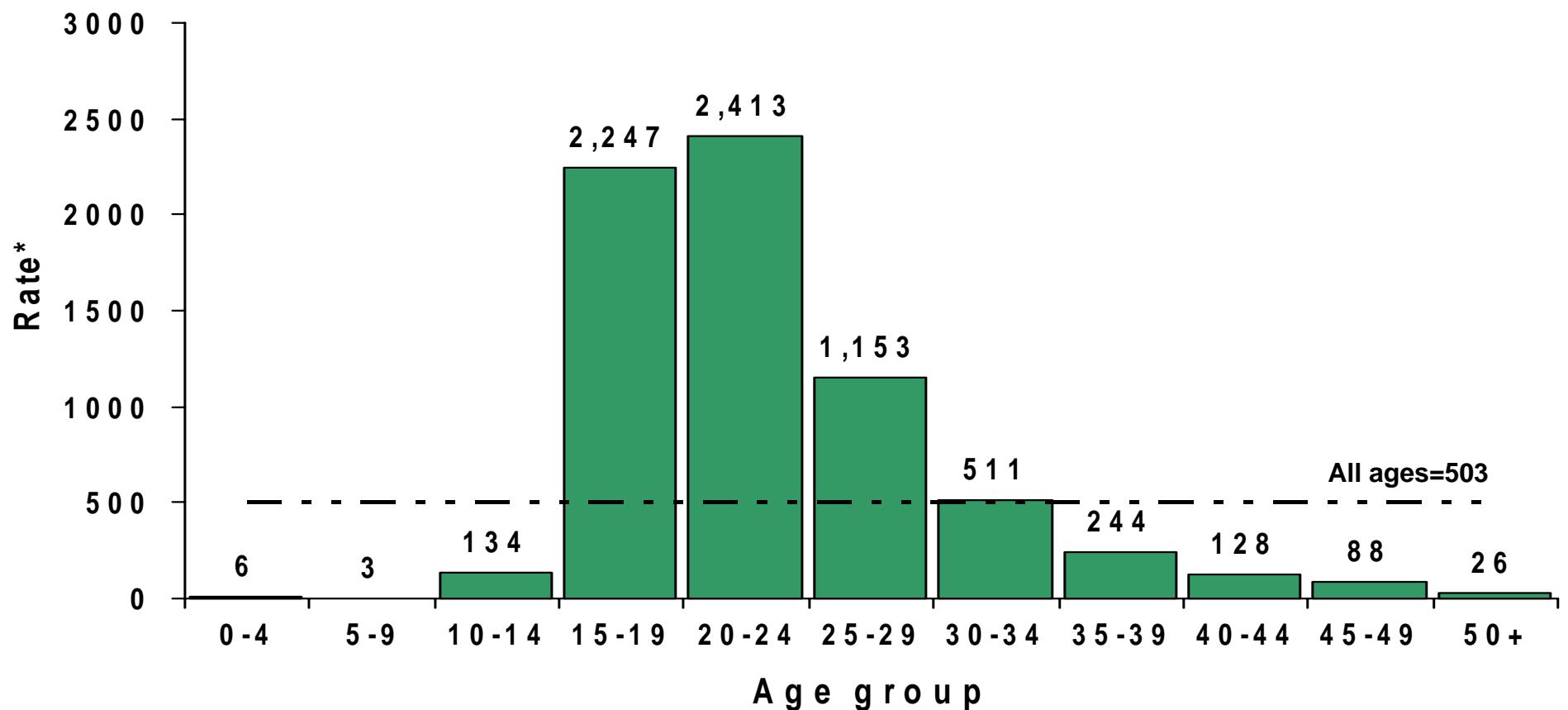


* Chlamydia, gonorrhea, syphilis and genital HSV infection.



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Age-specific STD rates*, reportable STDs** Wisconsin, 2004



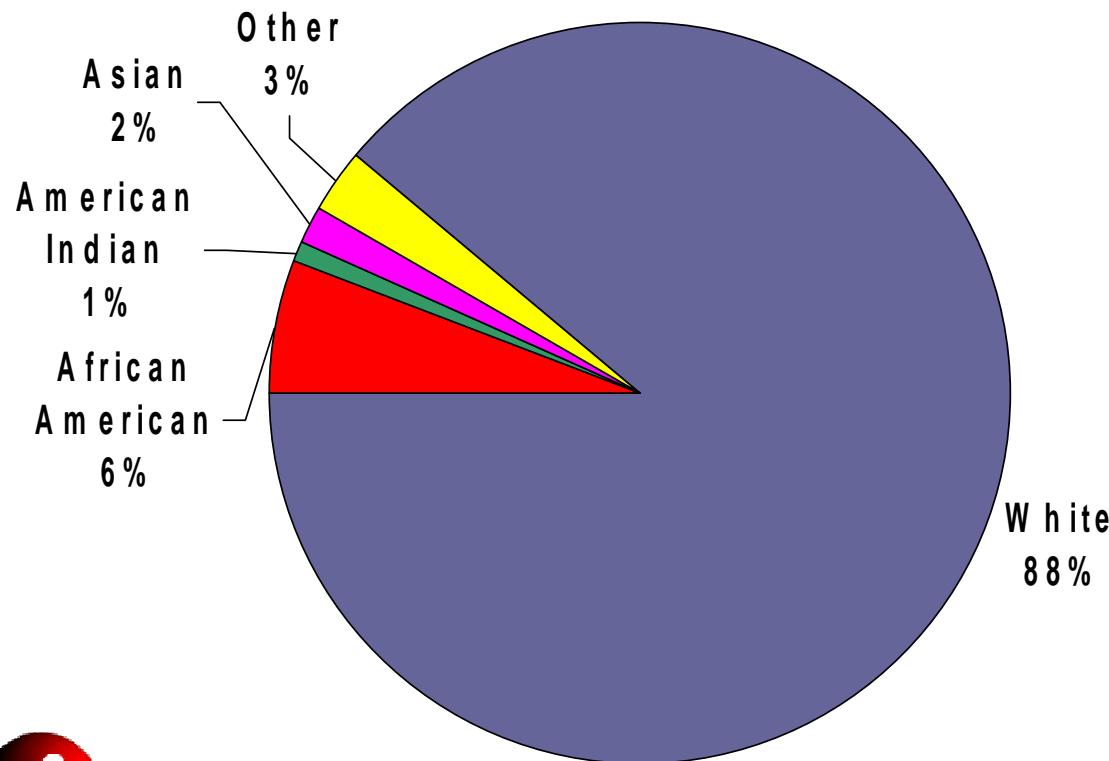
* Cases per 100,000 population.

** Chlamydia, gonorrhea, syphilis and genital HSV infection.



Comparison of the racial distribution of reported STD morbidity* with Wisconsin population

Wisconsin population
2000



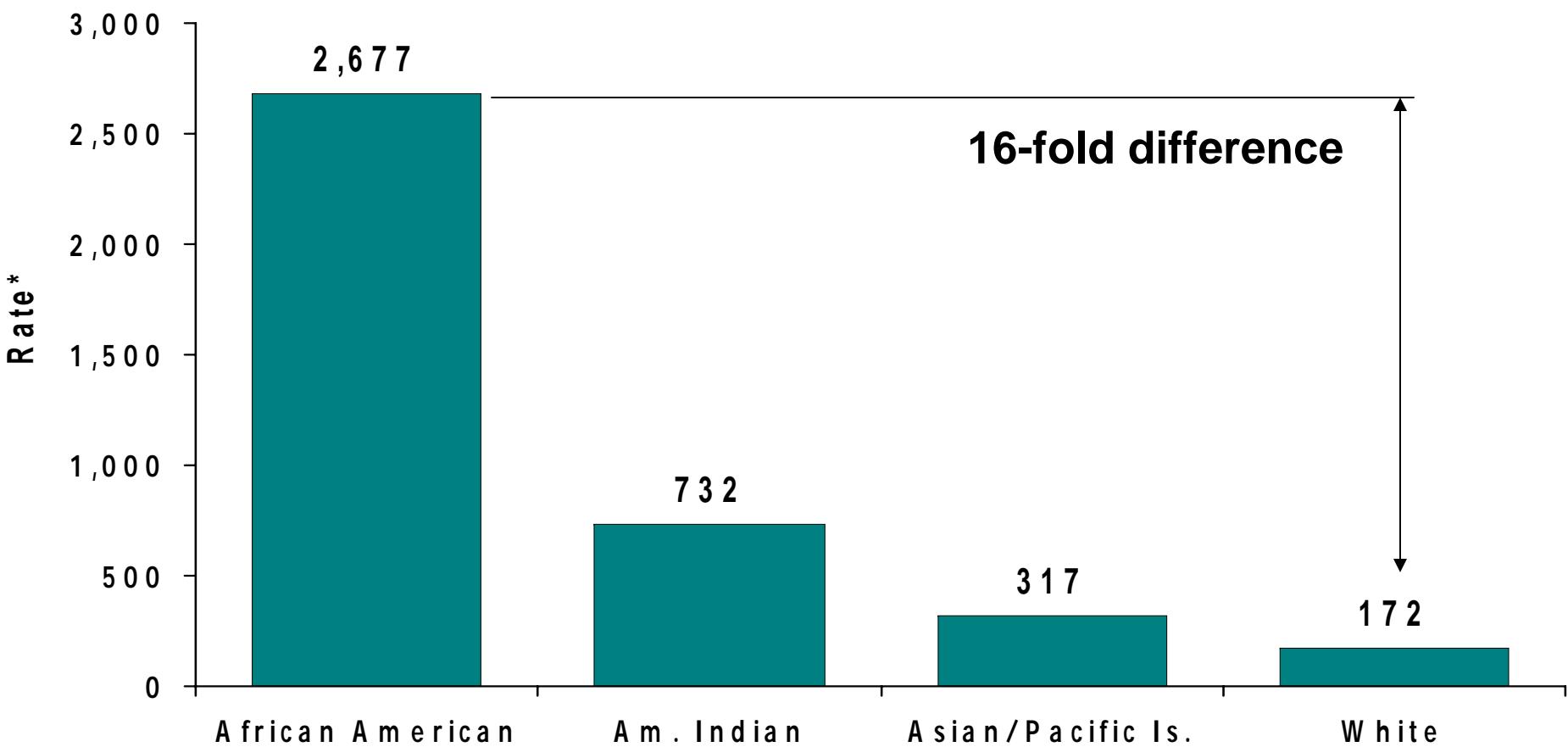
Reported STD cases*,
Wisconsin, 2004

Race	Cases	Percent
White	8,682	31%
African Am.	9,239	33%
Am. Indian	413	2%
Asian/Pac. Is.	363	1%
Other	448	2%
Unknown	8,721	31%
Total	27,866	100%

* Chlamydia, gonorrhea, syphilis and genital HSV infection.



STD case rates*, by race, reportable STDs, Wisconsin, 2004**



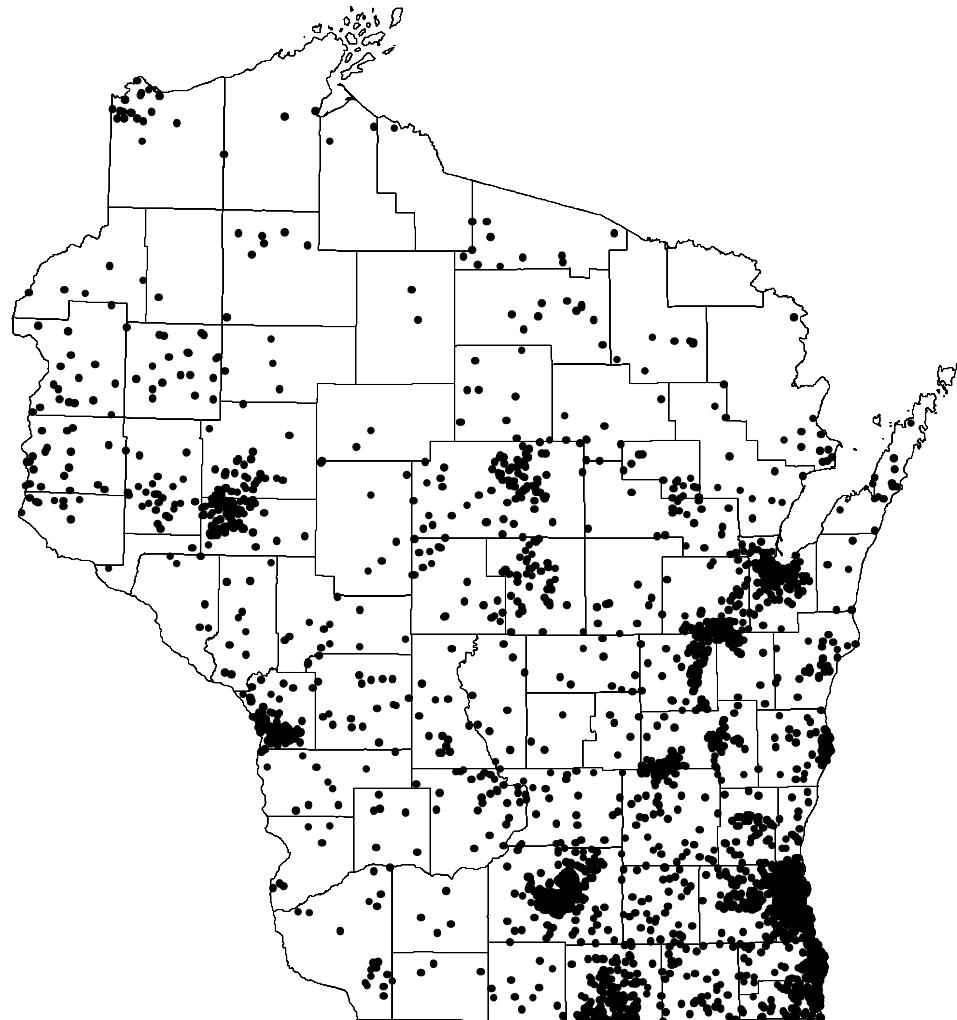
* Cases reported with race specified per 100,000 population.

**Chlamydia, gonorrhea, syphilis and genital HSV infection.

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Distribution* of reported STD cases** Wisconsin, 2004



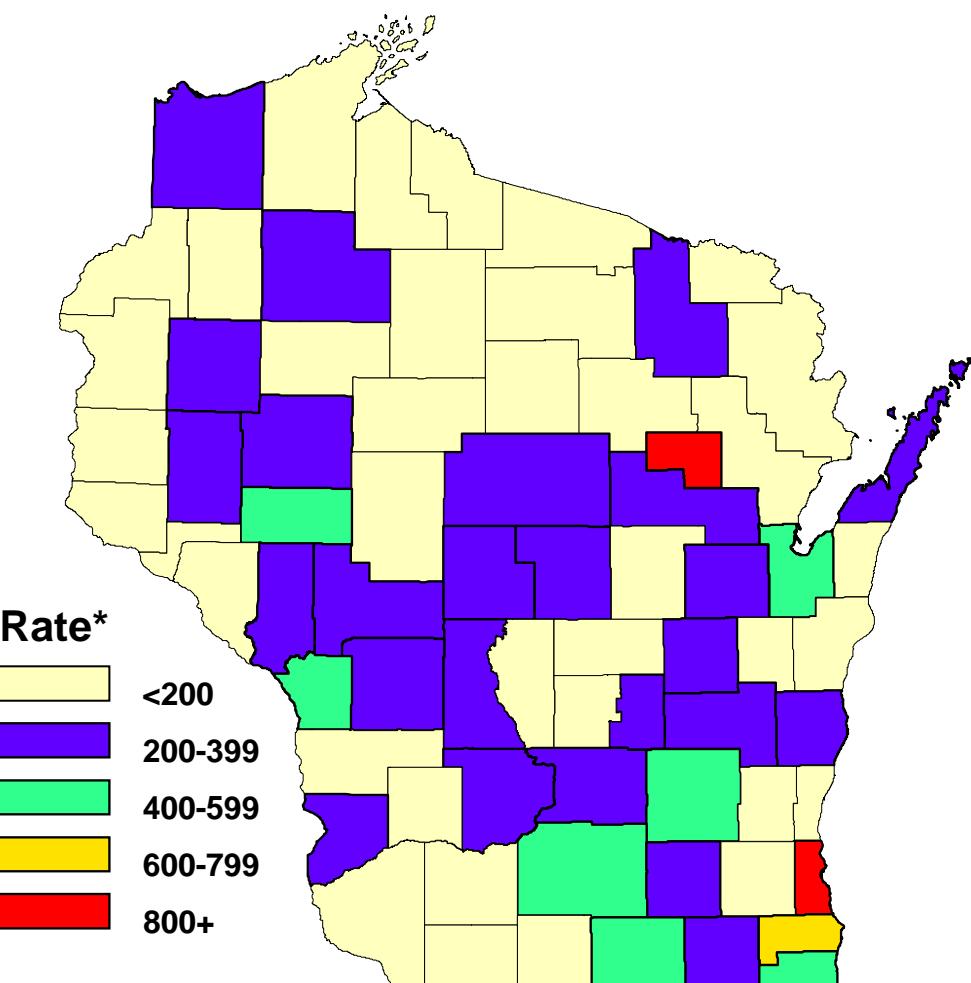
1 dot = 5 cases

* Dots are plotted randomly within zip code of residence.

** Chlamydia, gonorrhea, syphilis and genital HSV infection.



Reported STD case rates*, by county, reportable STDs**, Wisconsin, 2004



Ten counties with rates* >400

<u>County</u>	<u>Cases</u>	<u>Percent</u>	<u>Rate</u>
Milwaukee	13,830	49.7%	1,479
Menominee	65	0.2%	1,412
Racine	1,229	4.4%	637
Dodge	444	1.6%	502
La Crosse	550	2.0%	502
Kenosha	789	2.8%	501
Dane	2,194	7.9%	484
Brown	1,146	4.1%	480
Eau Claire	457	1.6%	478
Rock	744	2.7%	476
Subtotal	21,448	77.1%	882
Other counties	6,359	22.9%	205
State total***	27,807	100.0%	502

* Cases per 100,000 population.

** Chlamydia, gonorrhea, syphilis and genital HSV infection.

***Excludes 30 cases among out of state residents and 29 cases without county specified.

End



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